

Title (en)

Display device and method of manufacturing the same

Title (de)

Anzeigevorrichtung und deren Herstellungsverfahren

Title (fr)

Dispositif d'affichage et son procédé de fabrication

Publication

EP 0793132 A1 19970903 (EN)

Application

EP 97301223 A 19970225

Priority

JP 4352296 A 19960229

Abstract (en)

In a display device in which a display material is enclosed in a gap between bonded glass substrates and in a method of manufacturing the same, in order to use a conventional method of scratching the surfaces of the glass substrates to divide them into cells, sodium atoms on the surface of the glass substrate having a thickness of not larger than 2 mm are replaced with atoms having an ion radius larger than that of sodium to form a chemically reinforced layer having a thickness of not larger than 20 μ m. According to this display device and this method of manufacturing the same, the strength of a flat display device used in a portable electric equipment can be easily improved. <IMAGE> <IMAGE> <IMAGE> <IMAGE> <IMAGE> <IMAGE>

IPC 1-7

G02F 1/1333; **C03C 21/00**

IPC 8 full level

G02F 1/13 (2006.01); **C03C 21/00** (2006.01); **G02F 1/1333** (2006.01)

CPC (source: EP US)

C03C 21/002 (2013.01 - EP US); **G02F 1/1333** (2013.01 - EP US); **G02F 1/133302** (2021.01 - EP US); **G02F 1/133345** (2013.01 - EP US)

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